

ANDREYEV, S.V.; MOLCHANOVA, V.A.; MARTENS, B.K.

Applying radioactive isotopes for marking insects. Zashch.rast.  
ot vred.i bol. 5 no.2:45-47 F '60. (MIRA 15:12)

1. Vsesoyuznyy institut zashchity rasteniy.  
(Radioisotopes--Insects, Marking of)

ANDREYEV, L. L.; PISAREV, N. D., agronom po zashchite rasteniy

Protecting "strong" wheat against the shield bug *Eurygaster integriceps*; from the practices of the "Rossiya" Collective Farm. Zashch. rast. ot vred. i bol. 5 no.5:8-10 My '60.  
(MIRA 16:1)

1. Zaveduyushohiy Severo-Kavkazskim opornym punktom Vsesoyuznogo instituta zashchity rasteniy, Stavropol'skiy kray (for Andreyev). 2. Kolkhoz "Rossiya" Stavropol'skogo kraya (for Pisarev).

(Wheat—Diseases and pests)  
(Eurygasters—Extermination)

POLYAKOV, I.M.; ANDREYEV, S.V.; KHOTYANOVICH, A.V.

Polymeric and macromolecular compounds in the protection of plants.  
Zashch. rast. ot vred. i bol. 5 no.9:14-17 S '60. (MIRA 15:6)  
(Plants, Protection of) (Agricultural chemicals)  
(Polymers)

ANDREYEV, S. V.

Biophysics in plant protection. Zashch. rast. ot vred. i bol. 5  
no.10:18-21 0 '60. (MIRA 16:1)

1. Zaveduyushchiy laboratoriyey biofiziki Vsesoyuznogo  
instituta zashchity rasteniy.

(Plants, Protection of—Research)

VOYEVODIN, A.V.; ANDREYEV, S.V.

Absorption of the herbicide 2,4-D by the leaves of some weeds.  
Dokl.AN SSSR 134 no.1:211-213 S '60. (MIRA 13:8)

1. Vsesoyuznyy institut zashchity rasteniy. Predstavleno akad.  
A.L.Kursanovym.

(2,4-D)

27.122.0

11626

S/205/62/002/005/014/017  
D243/D307

AUTHORS: Andreyev, S.V., Martens, B.K., Molchanova, V.A., and Stepanov, A.S.

TITLE: Investigation of the effect of the radiation dose on the mortality and sexual sterilization of the barn weevil

PERIODICAL: Radiobiologiya, v. 2, no. 5, 1962, 758 - 762

TEXT: In view of its economic importance the author wished to discover the minimum radiation dose effectively disinfecting grain. A  $\gamma$ -unit illustrated in Fig. 1, developed by the biophysics laboratories of the author's Institute, was used. 50 insects, *Calandra granaria* L, were placed in a linen container with 10 g of previously sterilized grain and, after irradiation, was transferred to glass jars to which a further 30 g of sterilized grain was added. The jars were kept in a thermostat at 23 - 25°C, at suitable humidity. The radiation doses were 0.5, 1, 8, 12 and 40 kr. Mortality estimates were made after 7, 14, 27, 34 and more days. The sterilizing effect was calculated from the number of second generation insects. Card 1/4

Investigation of the effect of ...

S/205/62/002/005/014/017  
D243/D307

The author concludes that doses of 0.5 - 1 kr increase mortality and sterility slightly. For complete sterilization a dose of 8 kr is required, when the lethal effect is more clearly apparent. These figures can be used as a basis for planning an industrial  $\gamma$ -unit for grain disinfection. There are 2 figures and 2 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut zashchiti rasteniy, Leningrad (All-Union Scientific Research Institute of Plant Protection, Leningrad)

SUBMITTED: May 12, 1961

Card 2/4

Investigation of the effect of ...

S/205/62/002/005/014/017  
D243/D307

Fig. 1. Diagram of  $\gamma$ -unit.

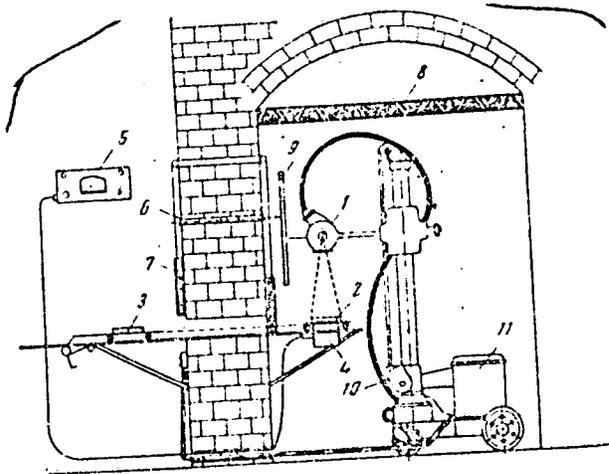


Рис. 1. Схема  $\gamma$ -установки

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Investigation of the effect of ...

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Legend: 1 - radiation source, 50  $\mu$ equ.R.; 2 - carriage with object to be irradiated in operative position; 3 - carriage in non-operative position; 4 - ionization chamber of x-ray recorder; 5 - x-ray recorder; 6 - view window for determining from ruler (9) distance of radiation source from object; 7 - protective screens of lead glass; 8 - protective layer of lead; 9 - measuring ruler; 10 - motor for moving radiation source in vertical position; 11 - container for keeping radiation source in nonoperative position.

X

1 - излучатель в 50  $\mu$  экв. R. 2 - каретка с облучаемым объектом в рабочем положении, 3 - каретка в нерабочем положении, 4 - ионизационная камера рентгенометра, 5 - рентгенометр, 6 - смотровое окошко для определения по линейке (9) расстояния излучателя до объекта, 7 - защитные экраны из свинцового стекла, 8 - защитный слой свинца, 9 - отсчетная линейка, 10 - мотор для перемещения излучателя в вертикальном направлении, 11 - контейнер для хранения излучателя в его нерабочем положении.

Card 4/4

ANDREYEV, S.V.; BUBNOV, G.M.; MARTENS, B.K.; MOLCHANOVA, V.A.

Automatic light traps. Zashch. rast. ot vred. i bol. 7 no.1:49-50  
'62. (MIRA 15:6)

(Insect traps)

ANDREYEV, L.L.; VAKHMAN, V.I.; CHEPURIN, P.I.; MIROSHNICHENKO, V.F.;  
BOGACHEV, A.S.; VOL'VACH, Ye.Ye., agronom-entomolog; CHUDOTKIN,  
M.Ya., agronom-entomolog (Georgiyevskiy rayon); ZGADOV, G.A.,  
agronom po zashchite rasteniy

Killing shield bugs in combines. Zashch.rast.ot verd. i bol.  
7 no.6:30-31 Je '62. (MIRA 15:13)

1. Zaveduyushchiy Severo-Kavkazskim opornym punktom Vsesoyuznogo  
instituta zashchity rasteniy (for Andreyev). 2. Zamestitel' direk-  
tora, glavnyy agronom sovkhoza "Kurskoy" (for Vakhmar). 3. Zamestitel'  
direktora, glavnyy agronom oporno-pokazatel'nogo sovkhoza "Chil'-  
nenskiy" (for Chepurin). 4. Glavnyy inzh. sovkhoza "Kurskiy" (for  
Bogachev). 6. Severo-Kavkazskiy opornyy punkt Vsesoyuznogo instituta  
zashchity rasteniy (for Vol'vach). 7. Sovkhoz "Starodubskiy"  
(for Zgadov).

(Stavropol Territory--Wheat--Diseases and pests)

(Stavropol Territory--Eurygaster)

ANDREYEV, S.V.; SAMOYLOVA, Z.I.; MARTENS, B.K.; IVANSKIY, N.L.

Gamma rays and pest control. Zashch. rast. ot vred. i bol. 7.  
no.9:25-26 S '62. (MIRA 16:8)

(Insects, Injurious and beneficial—Control)  
(Gamma rays—Physiological effect)

ANDREYEV, S.V.; MOLCHANOVA, V.A.; MARTENS, B.K.

Application of radioactive isotopes for marking moths of the grain cutworm. Zool.zhur. 41 no.1:85-91 Ja '62. (MIRA 15:4)

1. All-Union Research Institute of Plant Protection, Leningrad.  
(Cutworms)      (Radioactive tracers)

ANDREYEV, S.V., MARTENS, B.K., MOLCHANOVA, V.A., SMAYLOVA, Z.I.

"The use of radioisotopes in \_\_\_\_\_ with plant pests and \_\_\_\_\_."

(Approximate translation of title - document blurred - unable to make out letters.)

Report submitted to the Symp. on the Use and Application of Radioisotopes and  
Radiation in the Control of Plant and Animal Insect Pests.  
Athens, Greece 22-26 April 1963

JPRS

ANDREYEV, S.V., MARTENS, R.K.

Results of and prospects for the use of ultraviolet methods  
in plant protection. Trudy VNIIP no.17:349-352, 1963.

(RILA 18:9)

ANDREYEV, S.V., prof.

Scientific work of S.I.Chechulin; on the 25th anniversary  
of his death. Pat. fiziol. i eksp. terap. 7 no.1:92-94  
Ja-F'63. (MIRA 10:10)  
(CHECHULIN, SERGEI IONOVICH, d. 1937)



ANDREYEV, S.V., kand. biolog. nauk; MARTENS, B.K., kand. tekhn. nauk

Biophysica in plant protection. Zashch. rast. ot vred. i bol.  
8 no.10:10-13 O '63. (MIRA 17:6)

1. Laboratoriya biofiziki Vsesoyuznogo instituta zashchity rasteni; .

ANDREYEV, S.V.; MOLCHANOVA, V.A.; MARTENS, B.K.; RAKITIN, A.A.

Use of radioactive isotopes in marking *Eurygaster integriceps* Put.  
(Hemiptera, Pentatomidae). Ent. oboz. 42 no.1:39-48 '63.  
(MIRA 16:8)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.  
(Insects, Marking of) (Eurygasters) (Radioisotopes)

ANDREYEV, S.V., prof.; KRAVCHENKO, A.T., prof.; NAUMENKO, V.G., kand. med. nauk;  
Prinimali uchastiye: GORDILOVA, V.V., prof.; YESIPOVA, I.K., prof.;  
SMOL'YANINOV, V.M., prof.; SOKOLOV, M.I., prof.

Dissertations on pathological and microbiological problems; current  
state and future prospects. Sov. med. 27 no.6:147-151 Je '64.  
(MIRA 18:1)

ANDREYEV, S.V.; KRAVCHENKO, A.T.; NAUMENKO, V.G.

Review of the contents of dissertations on virology, microbiology  
and pathology. Zhur. mikrobiol.; epid. i immun. 41 no.6:60-67 '64  
(MIRA 18:1)

~~ANDREYEV, Sergey Vasil'yevich; CHECHULIN, Yuriy Sergeevich;  
KUDRIN, A.N., red.~~

[Essays on the reactivity of the cardiovascular system]  
Ocherki po reaktivnosti serdechno-sosudistoi sistemy.  
Moskva, Meditsina, 1965. 372 p. (MIRA 18:7)

ANDREYEV, S.V.; MARTENS, B.K.

Calculation of the distribution of dose power in a grain  
 $\gamma$ -sterilizer and determination of its basic parameters by  
continuous disinsectization method. Radiobiologia 5 no.4:  
605-611 '65. (MIRA 18:9)

ANDREYEV, S.Ya., inzhener.

Eliminating excesses in planning electric power plants and equipment.  
Elektrichestvo no.6:1-4 Je '56. (MLRA 9:9)

1.Gosstroy SSSR.  
(Electric engineering)

ANDREY, S. Y.  
CA

Calculation of the mean diameter. S. B. Andrey.  
Journal of the Royal Society, No. 4, 31(1931). A formula is  
derived from the mean diam. of particles of a granular  
mat. and from this basic formula are derived formulas  
for total surface area, sp. surface area, total vol., sedimen-  
tation, and power required to grind a certain particle size  
to a smaller one. M. Hosh

CA ANDREYEV, S.Ye.

1

Average-diameter formulas. S. E. Andreev. *Gornyi Zash.* 133, No. 11, 22-0(1951).—Thirteen formulas for calcg. the av. diam. of loose material are quoted and analyzed mathematically. For a mixt. of sizes with relatively narrow limits and a modulus not exceeding  $\sqrt{2}$  the formula  $D = (d_1 + d_2)/3$  can be used. However, where the limits are wide, use of an arbitrary formula will result in considerable error. In such case the formula must take into account the characteristics of the given mixt. M. Hosh

1752

ANDRYEV, S. M. Prof.

Dr. candidate law, jur. sci., No. 7, 1972

Dr. MIA. October 1972.

ANDREYEV, S. Ye.; BOKIY, B. V.; GORODETSKIY, P. I.; GREYVER, N. S.; SHCHUKIN, A. A.  
GERONT' YEV, V. I.; SKOCHINSKIY, A. A.; TERPIGOR'EV, A. M.; SHEVYAKOV, L. D.;  
SPIVAKOVSKIY, A. A.; VERKHOVSKIY, I. M.; VORONKOV, I. M.; YELANCHIK, G. M.;  
KASHIN, N. V.; SLOBODKIN, M. I.; GUZENKOV, P. G.; ZEMSKOV, V. D.; NOVIKOV, F. S.  
OSETSKIY, V. M.; SOSUNOV, G. I.; YASYUKOVICH, S. M.; KHAN, G. A.; POPOV, V. M.

In memory of Professor Levenson. Gor.zhur. no.9:60 S '55.  
(MIRA 8:8)

(Levenson, Lev Borisovich, 1878-1955)

25(6); 14(5)

PHASE I BOOK EXPL/ITATION

80V/2778

Andreyev, Sergey Yefimovich, Vyacheslav Vladimirovich Tovarov, and Valentin Aleksandrovich Perov

Zakonomernosti izmel'cheniya i ischisleniya kharakteristik gramlometrcheskogo sostava (Regularity Patterns in Grinding and Calculation of Characteristics of Gramlometric Composition) Moscow, Metallurgizdat, 1959. 437 p. Errata slip inserted. 3,400 copies printed.

Ed.: V.A. Rundkvist; Ed. of Publishing House: M.L. Yezdokova; Tech. Ed.: L.V. Dobuzhinskaya.

**PURPOSE:** This book is intended for engineering and technical personnel in pre-dressing plants, cement plants, research laboratories, design bureaus, and institutions of higher education.

**COVERAGE:** The author discusses frequently observed patterns in the granular composition of finely ground brittle products. A new method for calculating the average grain diameter, dependent on specific properties, is presented. Results of theoretical and experimental studies of 1) the kinetics of content

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Card 2/10

ANDREYEV, Sergey Yefimovich; ZVEREVICH, Viktor Vladimirovich; FEROV, Valentin Aleksandrovich; VERKHOVSKIY, I.M., prof., retsenzent; FREYGERZON, G.I., dots., retsenzent; KUDENKO, K.G., dots., retsenzent; OLEVSKIY, V.A., kand. tekhn. nauk, retsenzent; RYKOV, N.A., otv. red.; GARBER, T.N., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Crushing, milling, and screening of minerals] Droblenie, izmel'chenie i grokhochenie poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 384 p.  
(MIRA 15:3)

(Ore dressing)

ANDREYEV, S.Ye., prof.

Internal friction in a ball mill. Gor.zhur. no.2:62-68 F '61.  
(MIRA 14:4)

1. Leningradskiy gornyy institut. (Internal friction)  
(Crushing machinery)

ANDREYEV, S.Ye., prof.

Process of forming a circulating load in ball mills. Obog. rud  
no.6:5-6 '61. (MIRA 15:3)

1. Leningradskiy gornyy institut.  
(Crushing machinery)

ANDREYEV, S.Ye. prof.

Laws for crushing. Gor.zhur. no.4:66-70 Ap '62. (MIRA 15:4)

1. Leningradskiy gornyy institut.  
(Ore dressing)

ANDREYEV, S.Ye., prof.

The content of coarse particles in a mill determines its output. Obog.  
rud 7 no.2:3-6 '62. (MIRA 16:4)

1. Leningradskiy gornyy institut.  
(Crushing machinery)

ANDREYEV, S.Z.

Bee venom poisoning caused by multiple stings. Sov.med. 25 no.1:121-123 Ja '62. (MIRA 15:4)

1. Iz terapevticheskogo otdeleniya (zav. - S.Z.Andreyev) Vyazamskoy gorodskoy bol'nitsy (glavnyy vrach N.S.Futornyy) Smolenskoy oblasti. (BEE VENOM--TOXICOLOGY)

ANDREYEV, S.Z.

Poisoning by bee venom due to numerous stings. Vrach. delo no.7:  
146-148 J1'63. (MIRA 16:10)

1. Terapevticheskoye otdeleniye Vyazemskoy bol'nitsy Smolen-  
skoy oblasti.  
(BEE VENOM)

ANDREYEV, T.  
Research Institute of the Hydroly<sup>sis</sup> and Sulphite Alcohol Industry.

"The Use of Continuous Culture Method for Alcoholic Fermentation of Mashies of Soft Wood Hydrolysate."

paper presented at Symposium on Continuous Cultivation of Microorganisms, Prague, Czechoslovakia, 23-28 June 1958.

ANDRIYEV, T., dots.; RYZKOVA, S.; LAMBREV, St., dots.; TSOLOV, TS.

Function tests, indications and results of treatment of  
prostatic adenoma. Khirurgiia 17 no.2:239-240 '64.

PAVLOV, S.V., inzh.; ANDREYEV, T.A., inzh.

Refueling of airplanes in the air as revealed by foreign press  
data. Vest. Vozd. Fl. 40 no.12:88-90 D '57. (MIRA 14:12)  
(Airplanes--Refueling)

SOV/49-59-10-13/19

AUTHORS: Bukhteyev, V. G., and Andreyev, T. A.

TITLE: On Generation of Storm Microseisms ✓

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya  
1959, Nr 10, pp 1510-1512 (USSR)

ABSTRACT: An analysis of microseisms recorded by the Far East seismic stations during 1954 to 1957 is described. The data were collected by the Sachalin Institute of Scientific Research, Academy of Sciences USSR. The results are illustrated by the graphs which give the following: Fig 1 - the variations of amplitudes and periods during microseismic storms recorded by different stations, Fig 2 - distribution of microseismic periods (1 - beginning of the storm, 2 - increase of amplitude, 3 - height of the storm), Fig 3 - amplitude of microseisms in Kurilsk 1 and the height of the sea waves near the shore 2, Fig 4 - synoptic situation during which the microseisms illustrated in Fig 5 occurred. Table 1 shows the repetition of the microseismic periods in storm seasons in the autumn

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S/169/62/000/008/011/090

E202/E192

AUTHOR: Andreyev, T.A.

TITLE: Application of the method of "three stations" in the study of microseismic phenomena

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 15, abstract 8 A 97. (Tr. Sakhalinsk. kompleksn. n.-i. in-ta, no.10, 1961, 117-122)

TEXT: Using the observations of Yuzhno-Sakhalin three-point station, directions were determined along which the microseisms were propagated during the microseismic storms in 1958. The intensification of microseisms was always connected with the cyclones which were passing near by. The preponderant direction was westward. Apparently the Tatarskiy Proliv was the principal source of the local microseisms.

Abstractor's note: Complete translation.

Card 1/1

ANDREYEV, T.B.

4

S/123/62/000/003/001/008  
A054/A127

AUTHORS: Veinov, S. G., Kosoy, L. F., Shumov, M. M., Shalimov, A. G.,  
Chekhomov, O. M., Andreyev, T. B., Afanas'yev, S. G., Kasil'nikov,  
Ye. S.

TITLE: Refining converter steel with liquid synthetic slag in the ladle

PERIODICAL: Stal', no. 3, 1962, 226 - 232

TEXT: The good results obtained in refining electric steels with liquid  
lime-aluminous slag led to pilot-plant tests with converter steels, using the  
same method. 111 heats were smelted in a basic 8-ton converter; 46 of them were  
refined in the ladle with liquid synthetic slags of the following composition  
(in %):

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Refining converter steel with...

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Steel grade	Number of heats	CaO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	MnO	FeO	Cr <sub>2</sub> O <sub>3</sub>
УХ15 (SHX15)	6	<u>55.25</u> 53.04	<u>42.73</u> 41.47	<u>1.82</u> 3.85	<u>0.72</u> 0.80	<u>0.82</u> 0.90	<u>0.32</u> 0.17
12XH3A, 05H3 (120N3A), (06N3)	5	<u>52.42</u> 49.82	<u>42.45</u> 39.94	<u>2.02</u> 5.05	<u>0.78</u> 0.82	<u>0.92</u> 7.69	<u>0.94</u> 0.92
СГБ (SGV) (deep drawing steel)	7	<u>53.10</u> 51.37	<u>44.22</u> 38.34	<u>2.19</u> 4.52	<u>0.75</u> 0.93	<u>0.55</u> 4.05	<u>0.23</u> 0.23
У (I) (tool, carbon, cable, rail, axle steel)	14	<u>53.58</u> 52.51	<u>44.08</u> 40.92	<u>2.06</u> 3.61	<u>0.69</u> 0.72	<u>0.70</u> 1.75	<u>0.15</u> 0.13

(numerator: composition prior to metal treatment; denominator: composition after the treatment). The slag was melted in a 3-ton arc furnace, with hearth and banks of carbon blocks and carbon packing. The slags differed from those used for electric steels in that they contained more silica, ferrous oxides and

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Refining converter steel with...

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chrome oxides. To maintain the fluidity and reactivity of the slag under the test conditions, its quantity was increased to 6.5% of the metal weight, the temperature of the liquid slag in the furnace was raised to 1,750 - 1,850°C and the interval between pouring the slag and tapping the metal was reduced (to 2 min. 5 sec. on the average). The ladle was preheated to 600 - 800°C prior to slag tapping. The basic slag forming additives were common open-hearth lime (with up to 0.2% S), bauxite and in some cases (for medium-carbon and high-carbon steel grades) fluorite. Lime was added in two batches: prior to pouring the cast iron and 4 - 5 minutes after blowing started; the other two components were added together with lime. The quantity of the latter used for alloy and high-grade steels was 8 - 9%, for rail and axle steel 6 - 7% of the charge weight. SiK<sub>2</sub>Si<sub>2</sub>, 12%N<sub>3</sub>A, 0.5%N<sub>3</sub> grades, deep-drawing steel and carbon (tool) steels were cast with fluorite (0.3 - 0.8% of the charge weight; the slag was tapped twice.) To determine the optimum cast iron composition, cast irons with components varying greatly in amount were used (0.28 - 0.78% Si, 0.50 - 1.80% Mn, 0.025 - 0.095% S, 0.086 - 0.220P). The slags were very active already at the beginning of blowing. The basicity of slags ( $\text{CaO}:(\text{SiO}_2+\text{P}_2\text{O}_5)$ ) increased progressively (5 - 5 1/2 minutes after blowing started it was 2.0, at the end of blowing: 3.0 - 4.0). The synthetic slag refining method in converters with oxygen top blast results in a

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A054/A127

Refining converter steel with...

high degree of desulfuration. When cast irons are processed with a high (0.005 - 0.025%) sulfur content, this could be reduced to 0.030 - 0.042% during blowing and to 0.009 - 0.013% after slag treatment. Desulfuration is most effective in the 7-10-Y134 (U10-U13A) grades (up to 72.8%), in axle steel (71.9%) and Sh1015 steel grade (67.8%). The final phosphorus content of steel can also be reduced to 0.020 - 0.030% by slag treatment, even if made of cast iron containing 0.22% phosphorus. The synthetic slag method reduces the content of oxygen and non-metallic inclusions (sulfides, oxides) of the steel. Converter structural steel grades, refined by synthetic slag, have a greater ductility and notch toughness (mainly across the fibre), than conventional converter, open-hearth and electric steels. Most probably, the ductility is improved by the effect of the synthetic slag emulsion on the metal which reduces the sulfur content and non-metallic inclusions; a sub-microscopic silicium-oxygen phase may also have some effect. Slag-refined converter axle steels displayed a high ductility at -20°, -40° and -60°C, the new refining method imparts the 06N3 cold-resistant converter steel at 150 - 183°C the same degree of frost-resistance as found in electric steels. The tests were carried out with A. N. Korneyenkov, G. V. Gurskiy, Ya. M. Bokshitskiy, A. K. Petrov, Ye. D. Mokhir, R. I. Kolyasnikova, G. A. Khasin, V. P. Danilin.

Card 4/5

Refining converter steel with...

S/133/62/002/003/001/006  
A054/A127

P. S. Plekhanov, A. I. Mazun, and A. A. Markin participating. There are 3 figures, 9 tables and 2 Soviet-bloc references.

Card 5/5

ANDREYEV, Te. V.

PA 78T105

USSR/Radio Receivers  
Circuits, Amplifier

Mar 1948

"Circuits Employing Double-Frequency Conversion,"  
Te. V. Andreyev, 3 pp

"Radio" No 3

Difficulties and problems encountered by Andreyev during his attempts to construct receiver which would have both amplification and the power to be used with loudspeakers. Includes circuit diagrams.

78T105

MOZGOVOY, N.I., inzhener; AFANAS'YEV, S.G., inzhener; SHUMOV, M.M.,  
inzhener; EPSHTEYN, Z.D., inzhener; ANDREYEV, T.V., inzhener.

Developing an oxygen-using converter process for open-hearth cast  
iron. Sbor.trud.TSNIIGHM no.13:229-299 '56. (MLBA 9:11)  
(Cast iron--Metallurgy)  
(Oxygen--Industrial applications)

ANDREYEV, I. V.

...with pure  
 ...In the first  
 ...by blowing 15-20 mm  
 ...above the bath  
 ...could be elimi-  
 ...of iron  
 ...lined  
 ...0.15-  
 ...more than 5.0 mm  
 ...and 0.4-1.5%  
 ...for building  
 ...the slag did not  
 ...and it was obtained by cutting  
 ...and melting simultaneously  
 ...was obtained by blow-  
 ...the first 7.5-10  
 ...and 1.5% hematite and  
 ...loading  
 ...with 0.25-  
 ...with C was  
 ...and fire  
 ...was provided  
 ...removal of the  
 ...was dumped  
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of

ANDREYEV, T.V.

133-8-5/28

AUTHORS: Afanasyev, S.G., Shumov, M.M., Epshteyn, Z.D., Andryev, T.V., Beda, N.I., Korobov, I.I., Kostenetskiy, O.N., Lifshits, S.I., Rubinskiy, P.S. and Filipov, S.N.

TITLE: Production of steel in top oxygen blown converters. (Vyplavka konverternoy stali pri produvke kislorodom sverkhu).

PERIODICAL: "Stal'" (Steel), No.8, 1957, pp.693-700 (USSR).

ABSTRACT: After transfer of the Bessemer melting shop to the top oxygen blowing converter practice, it produced 250 000 tons of steel. Summary of the operation of the melting shop is given in this paper. The melting shop consists of 3 converters of 16.5 m<sup>3</sup> capacity, with a hydraulic tilting mechanism (Fig.1), with single layer lining from periclase-spinel bricks. Mean service life of the lining is about 150 heats. Lining bricks are ignited to 1680 for 8 hrs. The wear of converter lining is shown in Fig.2. Water cooled tuyere for oxygen blowing is shown in Fig.3. Waste gas purification system consists of scrubber, ventury scrubber and cyclone (Fig.4). The efficiency of gas cleaning: dust content reduced from 40-50 g/m<sup>3</sup> to 0.2 - 0.5 g/m<sup>3</sup> (Table 1). The composition of the pig iron supplied from a mixer was as follows: Si 0.5-1.0%, Mn 1.0-1.7%, S 0.04-0.10%, P 0.07-0.11%. As a cooling

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133-8-5/28

Production of steel in top oxygen blown convertors. (Cont.) agent iron ore (Fe 49-61% and  $\text{SiO}_2$  5.6-13.3%) additions were used. As fluxes lime (burned in cupolas) and bauxite were used. The development of melting practice was previously described (Refs.1 and 2). The production of mild rimming steel is described in some detail. 20.0 to 21.5 tons of pig is transferred into the convertor and depending on the content of silicon 4.5-5.0 of lime, 1.0-1.5% of bauxite and 2.0-3.0% of ore are added before blowing. The first slag is removed after 5 min. of blowing and a new slag is made by adding 1.5-2.0% of lime and 0.5% of bauxite. For cooling of the reaction zone 200-300l of water per heat is added to oxygen. During the first period water is supplied at a rate of 20 l/min (for 3 min), and in the second period 1 min after starting blowing for 5-6 min. Oxygen consumption is 55-58  $\text{m}^3/\text{min}$  (in the individual periods up to 70  $\text{m}^3/\text{min}$ ). The distance between the tuyere and the surface of metal is 800-1200 mm depending on the melting period. The dependence of silicon content in final slags on time of slag removal for the duration of the first period (10 and 5 min) is shown in Fig.5. The dependence of the yield of good steel and its phosphorus content on the duration of the

Card 2/4

133-8-5/28

Production of steel in top oxygen blown convertors. (Cont.)  
corresponding open hearth steel. The control of the process is not complicated and the production of steel of a required composition is not difficult. The service life of convertors can be increased to 200 heats by increasing their specific volume, improvement in the quality of lining and further improvement in the technology of blowing. With increased capacity of convertors the duration of heats can be decreased by increasing the blowing rate. The yield of steel can be increased up to 87-88%.

There are 3 tables, 8 figures and 2 references, both Slavic.

ASSOCIATION: TsNIICHM and im. Petrovskiy Works (TsNIICHM i Zavod Im. Petrovskogo).

AVAILABLE: Library of Congress

Card 4/4

ANDREYEV, T V.

КОМПЬЮТЕРНОЕ ПРОИЗВОДСТВО СТАЛИ

В.И.Белоглазов	Исследования влияния металлов и легирующих элементов в электродной ванне.
В.М.Губинин Н.П.Давыдов А.Е.Климов А.М.Самойлов	Лабораторные работы по производству протекторированных чугунов.
М.П.Соболев В.П.Воробьев	Исследования по моделированию в электродной ванне.
М.П.Козлов	Передель чугуна с повышенным содержанием марганца в электроде с промышленным распорядком.
М.М.Шуваев	Выплавка стали в электродном агрегате из протекторированного промышленного чугуна.
Т.Ф.Андреев В.И.Трунов В.Д.Викторов	Описание автоматизации условий выплавки чугуна, диффузия и обезуглероживание при выдержке чугуна в электроде.
В.И.Белоглазов Ю.А.Дубровский	Исследование возможности компьютерной стали при работе электродом дутью.
А.И.Мазур А.С.Овчинников	Содержание газов в металле при выплавке марганца в электродном агрегате с промышленным распорядком.
С.Г.Афонин М.М.Шуваев М.П.Козлов	Исследования автоматизации и телеметрического контроля при передельном производстве электродов.

report submitted for the 5th Physical Chemical Conference on Steel Production, Moscow-- 30 Jun 1959.

ADRIANOVA, V.P.; ANDREYEV, T.V.; ARANOVICH, M.S.; BARSKIY, B.S.; GROMOV, N.P.;  
GUREVICH, B.Ye.; DVORIN, S.S.; YERMOLAYEV, N.F.; ZVOLINSKIY, I.S.;  
KABLUKOVSKIY, A.F.; KAPELOVICH, A.P.; KASHCHENKO, D.S.; KLIMOVITSKIY,  
M.D.; KOLOSOV, M.I.; KOROLEV, A.A.; KOCHINEV, Ye.V.; LESKOV, A.V.;  
LIVSHITS, M.A.; MATYUSHINA, N.V.; MOROZOV, A.N.; POLUKAROV, D.I.;  
RAVDEL', P.G.; ROKOFYAN, Ye.S.; SMOLYARENKO, D.A.; SOKOLOV, A.N.;  
USHKIN, I.N.; SHAPIRO, B.S.; EPSHTAYN, Z.D.; AVRUTSKAYA, R.F., red.  
izd-va; KARASEV, A.I., tekhn.red.

[Brief handbook on metallurgy, 1960] Kratkii spavochnik metallur-  
ga, 1960. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i  
tsvetnoi metallurgii, 1960. 369 p. (MIRA 13:7)  
(Metallurgy)

ANDREYEV, TV

115

PHASE I BOOK EXPLOITATION

SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th,  
Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii  
(Physicochemical Bases of Steel Making; Transactions of the  
Fifth Conference on the Physicochemical Bases of Steelmaking)  
Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted.  
3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni  
A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy  
of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg.  
Tech. Ed.: V. V. Mikhaylova.

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Physicochemical Bases of (Cont.)

SOV/5411

**PURPOSE:** This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

**COVERAGE:** The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

(Card 2/16

Physicochemical Bases of (Cont.)	SOV/5411	
Shumov, M. M. Producing Steel and Semifinished Products in a Converter by Using Naturally Alloyed Chromium Pig Iron		268
Gurevich, B. Ye., V. D. Epshteyn, and T. V. Andreyev. Determining the Optimum Conditions of Slag Formation, Dephosphorization, and Decarburization of High-Phosphorus Pig Iron in a Semicommercial Converter With Oxygen Top Blowing		281
Baptizmanskiy, B. I., and Yu. A. Dubrovskiy. Investigating the Converter-Steel Contamination in Oxygen Top Blowing		292
Mazun, A. I., and A. S. Ovchinnikov. Gas Content in Steel Made in a Converter With Various Types of Blasts and Blowing		299
Afanas'yev, S. G., M. M. Shumov, and M. P. Kvitko. Some Kinetic and Process Regularities in the Oxygen Top Blowing of Pig Iron		308
Card 11/16		

KORMILITSYN, S.P.; TSEMEKMAN, L.Sh.; SHUMOV, M.M.; ANDREYEV, T.V.;  
MARKIN, A.A.; MAZUN, A.I.

Treatment of iron nickel ore in a converter by top blow of  
oxygen. *Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i*  
*tekh.inform. no.3:3-5 '63.* (MIRA 16:4)

(Nickel--Metallurgy)

ANDREYEV, I.I., inzh.; ANDREYEV, V.I., inzh.

Using rolls and knurls for hardening the surfaces of parts.  
Mashinostroenie no.5:48-49 S-0 '64 (MIRA 18:2)

ANDREYEV, V.

We use all methods. Okhr.truda i sots.strakh. 6 no.1:9 Ja '63.  
(MIRA 16:1)

1. Starshiy inzh. po tekhnike bezopasnosti stroitel'nogo  
tresta No.159, Tashkent.  
(Tashkent---Construction industry---Hygienic aspects)

ANDREYEV, Y.

Annual financial report of the United States Atomic Energy Commission for 1959. Atom. energ. 9 no.2:153-154 Apr '60.

(NYRA 13:8)

(United States--Atomic energy)

ANDREYEV, V.; VALERIUS, Yu.

From the farthest to the closest... Grazhd.av 17 no.3:  
9-11 Mr '60. (MIRA 13:6)

1. Zamestitel' nachal'nika Upravleniya letnoy sluzhby i  
dvizheniya samoletov (for Andreyev). 2. Zamestitel' nachal'-  
nika letnogo otdela Upravleniya letnoy sluzhby i dvizheniya  
samoletov (for Valerius).  
(Instrument landing systems)

ANDREYEV, V.

Bag-filling and sealing machine with a weight-proportioning device.  
Kauch.i rez. 19 no.5:45-46 My 60. (MIRA 13:7)

1. Bobruyskiy zavod rezino-tekhnicheskikh izdeliy.  
(Bobruysk--Packaging machinery)

ANDREYEV, V.

Technical assistance in mastering original equipment. Vnesht.  
torg. 30 no.6:32 '60. (MIRA 13:6)  
(Technical assistance, Russian)  
(Boring machinery)

ANDREYEV, V., nauchnyy sotrudnik

Precious stones and ultrasonics. Mest.prom.1 khud.promys. 2  
no.5:9 My '61. (MIRA 14:5)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya  
kamney-samotsvetov, g. Leningrad.  
(Precious stones)  
(Ultrasonic waves--Industrial applications)

PODREZOVA, A.; ANDREYEV, V.; CHASHCHARIN, B.

Get acquainted with a collective farm of communist labor. IUn.  
nat. no.9:1-6 S '62. (MIRA 16:5)

1. Kolkhoz imeni XXI s"yezda Kommunisticheskoy partii Sovetskogo  
Soyuza, Odesskaya oblast', Berezovskiy rayon.  
(Berezovka District (Odessa Province)--Collective farms)

ANDREYEV, V.A.; GEKHTMAN, Ya.A.

Domestic water supply in inhabited places of the Golodnaya  
Steppe. Mat. po proizvod. sil. Uzb. no.15:316-325 '60.  
(MIRA 14:8)

1. Sredazgiprovodkhlpok.  
(Golodnaya Steppe--Water supply)

PODREZOVA, A.; ANDREYEV, V.; CHASHCHADRIN, B.

About children who are quite good. IUn. nat. no.9:3-7 S '60.  
(MIRA 14:3)

1. Vyvezdnaya brigada redaktsii zhurnala "Yunyy naturalist."  
(Dobovka—Boarding schools)

PODREZOVA, A.; ANDREYEV, V.

The group makes a trip to the forest. IUn. nat. no.12:22-23  
D '60. (KIRA 14:3)

1. Srednyaya shkola imeni Salomei Neris, g.Vil'nyus.  
(Pioneers (Communist youth)) (Nature study)

ANDREYEV, V. , dotsent

Industrial hygiene and social insurance for students of the  
secondary technical schools with vocational instruction, Okhr.  
truda i sots. strah. 4 no.5:55-56 My '61. (MIRA 14:5)

1. Zaveduyushchiy kafedroy trudovogo prava Vsesoyuznogo  
yuridicheskogo zaochnogo instituta.  
(Education, Cooperative)  
(Industrial hygiene)

DORONIN, A., ANDREYEV, V., starshiy master

Study room on building machinery. Prof.-tekh. obr. 18  
no.7:12-13 J1 '61. (MIRA 14:7)

1. Zamestitel' direktora po uchebno-proizvodstvennoy  
rabote stroitel'nogo uchilishcha No.1, g. Monchegorsk  
(gor Doronin). 2. Rukovoditel' kabineta mekhanizatsii  
stroitel'nogo uchilishcha No.1, Monchegorsk (for Andreyev).  
(Building trades--Study and teaching)

BONDAR', N., tekhnik-mekhanik; GONCHARENKO, V.; ANDREYEV, V.; AVLAKHOVA, A.

Editor's mail. Okhr.truda i sots.strakh 5 no.10:32-33 0 '62.

(MIRA 15:11)

1. Remontno-mekhanicheskiye masterskiye tresta "Ukrgazneftestroy", Kiyev (for Bondar'). 2. Tekhnicheskiy inspektor Severo-Osetinskogo oblastnogo soveta professional'nykh soyuzov, g. Ordzhonikidze (for Goncharneko). 3. Starshiy inzh. po tekhnike bezopasnosti Stroytresta No.159, Tashkent (for Andreyev). 4. Predsedatel' gorodskogo komiteta professional'nogo soyuza meditsinskikh rabotnikov, g. Yalta (for Avlakhova).

(INDUSTRIAL HYGIENE)

ANDREYEV, V.; CHASHCHARIN, B.

Pioneers report. IUn.nat. no.5:2-8 My '62.

(MIRA 15:7)

1. Spetsial'nyye korrespondenty zhurnala "Yunyy naturalist".  
(Pioneers (Communist Youth)) (Agriculture)

ANDREYEV, V.; CHASHCHARIN, B.

The horn sounds at the river. IUn. na<sup>4</sup>. no.7:14-19 J1 '61.

(MIRA 14:7)

1. Pionerskiy lager' imeni Sergo Ordzhonikidze, Yaroslavskaya oblast'.

(Nature study) (Sosnovka--Camps)

ANDREYEV, V., fotograf

Sportsmen of an artel. From. koop. 13 no.4:38 Ap '59.  
(MIRA 12:6)

1.ArteI' "Krasnoye znamya", g.Novo-Annenskiy, Stalingradskoy oblasti.  
(Novo-Annenskiy--Sports)

ANDREYEV, V.

Give all possible support to efficiency promoters and inventors. Sov.  
profsoiuzy 3 no.9:29 S'55. (MIRA 8:12)

1. Zaveduyushchiy otdelom proizvodstvenno-massovoy raboty Latvyskogo  
respublikanskogo soveta profsoyuzov  
(Latvia--Efficiency, Industrial)

ANDREYEV, V.; CHERNOVA, N.

What an underevaluation of production potentialities leads to.  
Sots.trud no.2:91-94 F '56. (MLRA 9:7)  
(Taganrog--Boilers) (Efficiency, Industrial)

PHASE I BOOK EXPLOITATION

SOV/3783

Andreyev, Vladimir Aleksandrovich, Vasilii Aleksandrovich Zvorykin, Lev Andreyevich Konorov, Sergey Sergeevich Len'kov, Sergey Timofeyevich Orlov, Vladimir Semenovich Semchukov, and Vladimir Sergeevich Tarkhov

Raschet i postroyeniye konturov samoleta na plaze (Calculation and Construction of Aircraft Contour Lines With Templates) Moscow, Oborongiz, 1960. 490 p. Errata slip inserted. 2,200 copies printed.

Reviewer: S.S. Bekin, Engineer; Ed. (Title page): S.S. Len'kova, Candidate of Technical Sciences; Ed. (Inside book): V.I. Tikhonov, Engineer; Ed. of Publishing House: M.F. Bogomolova; Tech. Ed.: V.P. Rozhin; Managing Ed.: S.D. Krasil'nikov, Engineer.

PURPOSE: This book is intended for designers and technicians in experimental design offices, lofting shops, and production-development sections of aviation factories. It may also be used by students of schools of higher technical education and tekhnikums specializing in aircraft construction.

COVERAGE: The book examines the principles of the lofting method of aircraft construction, the application of these principles to the design of surfaces of aircraft assemblies, and the procedures for making theoretical and constructional templates.

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ANDREYEV, V.A., aspirant

New composite control transformer with saturable reactor.  
Trudy GPI 16 no.5:100-101 '60. (MIRA 16:4)

(Electric transformers)

ANDREYEV, V.A., Inzh.

Determination of an optimum fundamental size for standard saturable  
reactor plates. Trudy GIP no.3.55-57 '63.

(MIRA 17/10)

SOLYARSKIY, A.P., inzh.; ANDREYEV, V.A., inzh.; SMORODINSEIY, M.P., inzh.;  
RODOV, E.S., inzh.

Making mineral wool by the method of vertical centrifuging. Stroi.  
mat. 6 no.12:3-5 D '60. (MIRA 13:11)  
(Mineral wool)

ANDREYEV, Veniamin Aleksandrovich; DMITRIYEV, T., red.; SPORANE, V.,  
tekhn. red.

[Riga and Tallinn] Riga - Tallin. Riga, Latviiskoe gos. izd-  
vo, 1961. 73 p. (MIRA 15:2)  
(Riga—Socialist competition)  
(Tallinn—Socialist competition)

ANDREYEV, V. A.

A Technical Guide on the Study of Peat Bogs (Published by the Cen. Peat Exp. Sta., Min. of Agri., RSFSR)

1940. Zagotovka i Pri-enerie Torfofekal'nykh Tukov (The Preparation and Application of Peat-Fecal Fertilizers). by Andreyev, V. A.

SO: Botanicheskiy Zhurnal, Vol XXXV, No 1, pp 100-110,  
Jan-Feb 1950, Russian bim per, Moscow/Leningrad (U-5511,  
12 Feb 1954)

65028 ANDREYEV, V. A.

36

14032\* Peat Mulch. (Russian.) V. A. Andreev. *Sovetskaya  
Agronomiya*, v. 10, May 1952, p. 86-88.  
Field tests were made on the use of the above with and without  
mineral fertilizer. Data are tabulated.

*agriculture*

ANDREYEV, V.

Cucumbers on gravel. IUn. nat. no.12:36-37 D '59 (MIRA 13:3)  
(Plants--Soilless culture)

ANDREYEV, V., inzh.; BEREZA, A., kand.tekhn.nauk (Saratov)

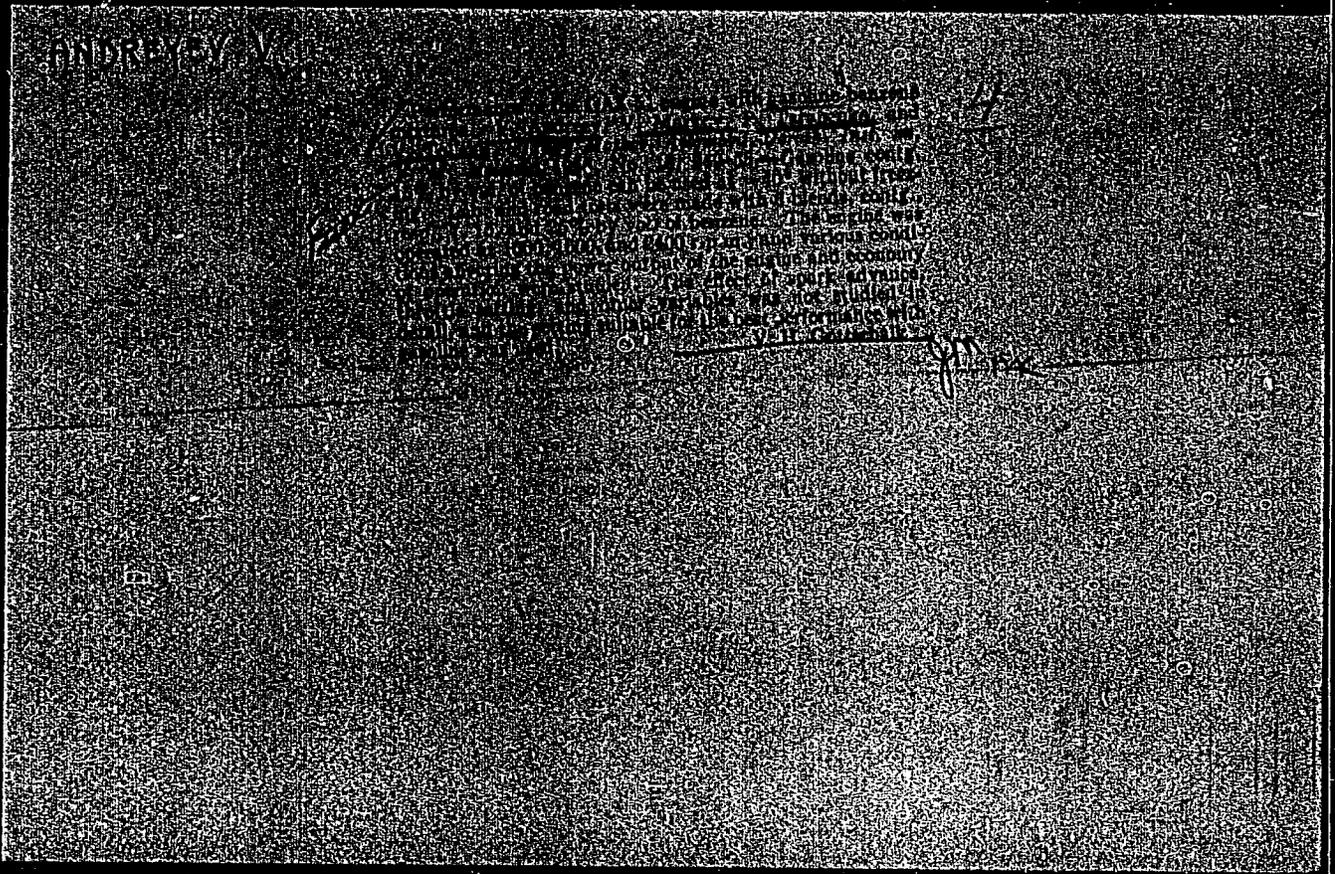
Operation of water-intake installations on ice-covered  
rivers. Zhil.-kom.khoz. 9 no.11:11-13 '59. (MIRA 13:2)  
(Water-supply engineering) (Ice on rivers, lakes, etc.)

ANDREYEV, V., inzh.; SVYATKOVSKIY, N., inzh.

Ethyl alcohol enamels are reliable anticorrosives for construction  
elements. Na stroi. Mosk. 2 no.2:20-21 F '59. (MIRA 12:3)  
(Corrosion and anticorrosives)  
(Protective coatings)

ANDREYEV, V. (Moskovskaya oblast').

Winged defense. IUn. nat. no.10:14-15 O '58. (MIRA 11:10)  
(Spraying and dusting) (Aeronautics in forestry)



LAMBEROV, A.; ANDREYEV, V.

Golden animals. IUn.nat.no.9:23-25 D '56.

(MLRA 10:2)

1. Sovkhoz "Krasnoyarskiy" Krasnoyarskogo kraya.  
(Krasnoyarsk Territory--Sable)

M-3

USSR / Cultivated Plants. Grains.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72877.

Author : Andreyev, V.  
Inst : Not given.  
Title : New Winter Wheat Varieties in the Rayons.

Orig Pub: Sots. s.kh. Azerbaydzhana, 1956, No 6, 25-28.

Abstract: The Azerbaydzhan Selection Station has brought out new winter wheat varieties: Azerbaydzhanskaya 1, Azerbaydzhanskaya 2 and AG-bugda 13. The Azerbaydzhanskaya 1 variety exceeded the standard varieties in harvest yield, is weakly infected with rust and smut, droop resistant and possesses high baking qualities. Azerbaydzhanskaya 2 is similar to Azerbaydzhanskaya 1 in a series of characteristics, but differs by greater resistance to cold. AG-bugda 13 is close to "Shapku", the hard wheat

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USSR / Cultivated Plants. Grains.

M-3

Abs Jour: Ref Zhur-Biol., 1956, No 16, 72877.

Abstract: variety which provides the highest harvests in the republic, but differs by increased resistance to cold and drought. -- A. F. Khlystova.

Card 2/2

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APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101520010-1"

Azerbaijani are summer wheat and summer barley. Among wheat varieties, the most prevalent is the local white spike "Khyrdabugda" (it has a good yield, but is not sufficiently drought resistant and is susceptible to fungus diseases). "Kyrzybulda" 2795 (It has a high yield and is not affected very much by drought). Among summer varieties of barley, the following species are grown: the local "aj-arpa", "Naldichyvanjany" and local "Nutans". -- Ye.F. Zhukovskaya.

Card 1/1

USSR/Cultivated Plants - Grains.

11-4

Abstr Jour : Tr. Akad. Nauk - Biol., No 9, 1958, 39176

Author : Ashrafiyev, V.

Inst : -

Title : The Best Varieties of Summer Grain Crops for the Mountainous Area of Azerbaijan.

Orig Pub : Dokl. s. Kh. Azerbaydzhan, 1957, No 3, 19-22.

Abstract : The most prevalent grains in the mountainous regions of Azerbaijan are summer wheat and summer barley. Among wheat varieties, the most prevalent is the local white spike "Khyrdabugda" (it has a good yield, but is not sufficiently drought resistant and is susceptible to fungus diseases), "Kyrnyzybugda" 2786 (It has a high yield and is not affected very much by droughts). Among summer varieties of barley, the following species are grown: the local "a-sarpa", "Haldichyvanany" and local "Nutans". -- Ye.I. Zhukovskaya.

Card 1/1

- 14 -

ANDRUS, V.

Collection name

Forest state farms of Smolensk Province ("Lesnaya kolektsiya") described by  
I. Andrus. Sbornik nauch. rabot, no. 7, 1972.

STATE LIST OF THE FOREST ADVISORS, MINISTRY OF FORESTRY, SEPTEMBER 1972. INDIVIDUAL.

USSR / Cultivated Plants. Fodder Grasses and Root Crops. M-3

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6299

Author : Andreyev, V.

Inst : Not given

Title : Contribution to the Problem of Distribution  
of the Main Groups of Silage According to the  
Zones of Azerbaydzhan

Orig Pub : Sots. s.-kh. Azerbaydzhana, 1958, No 4, 46-50

Abstract : No abstract given

Card 1/1

ANDREYEV, V.A., inzh.

Coefficient of heat transmission for oil coolers with pipes  
having a diameter of 16/14 mm. Sudoostroenie 24 no.7:38-40  
J1 '58. (MIRA 11:9)  
(Heat--Transmission) (Marine engines)

ANDREYEV, V.

Improvements in the power plant of the steamship. Mor. flot 18 no.10:  
16-17 0 '58. (MIRA 11:11)

1. Starshiy mekhanik parokhoda "Krasnoarmeysk."  
(Marine engines)

ANDEYEV, V., inzh.-kapitan 1-go range.

Cutters on underwater wings. Voenn. znan. 74 no.3:24-25 Mr '58.  
(Boats and boating) (MIRA 11:4)

ANDREYEV, V., inzh.-kapitan 1 ranga

Life of a sports boat. Voen. znani. 34 no.8:33 Ag '58.

(MIRA 11:12)

(Boats and boating)

ANDREYEV, V., inzh.-kapitan 1 ranga

Submarines carrying guided reaction-powered missiles. Voenn. znan.  
36 no.10:38-39 O '60. (MIRA 13:10)  
(Submarine boats) (Guided missiles)